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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: HIGH-THROUGHPUT SCREEN FOR MODULATORS OF CHROMATIN MODIFYING ACTIVITY

(57) Abstract: Disclosed herein are compositions and method useful in screening a compound for its ability to modulate the activity of a chromatin modifying enzyme. These include fusions between a targeted DNA-binding domain and a chromatin modifying enzyme (or functional fragment thereof), polynucleotides encoding such fusions, and methods for their use.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/26334

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12N 15/00, 15/09; C07H 21/04

US CL : 435/6, 69.1, 320.1; 536/23.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 69.1, 320.1; 536/23.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	US 6,479,626 B1 (KIM et al) 12 November 2002 (12.11.2002), see the entire patent, especially column 19-lines 49 to 58.	1-3
X, P	US 6,599,692 B1 (CASE et al) 29 July 2003 (29.07.2003), see the entire patent, especially column 24-lines 0 to 20.	1-3



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

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C ntinuation of B. FIELDS SEARCHED Item 3:

EAST: USPAT, EPO, JPO, DERWENT, US PGPUBS STN: MEDLINE, EMBASE, BIOSIS, CAPLUS
search notes: inventor's name, assignment data, zinc finger, fusion protein, chromatin modifying enzymes